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Respectfully submitted,

Dated: March 05, 2002

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In the Specification

This application is a Divisional Application of Serial No. 09/540,014 filed March 31, 2000, [This application] which claims the benefit of the filing date of Application Serial No. 60/127,198, filed March 31, 1999 [pending], application Serial No. 60/169,162 filed December 6, 1999 [pending], application Serial No. 60/177,740 filed January 21, 2000 [pending], and application Serial No. 60/177,739 filed January 21, 2000, [pending], all of which are expressly incorporated by reference in their entirety.

In the Claims

Please CANCEL claims 1-28.

33. (Amended) A host cell comprising the recombinant nucleic acid of claim 29 [, 30, 31, or 32].

34. (Amended) An expression vector comprising the recombinant nucleic acid of claim 29, [30, 31, or 32] operably linked to a transcriptional regulatory sequence.

35. (Amended) A host cell comprising an expression vector comprising the recombinant nucleic acid of claim 29, [30, 31, or 32] operably linked to a transcriptional regulatory sequence active in said host cell.

36. (Amended) A transgenic plant comprising the recombinant nucleic acid of claim 29 [, 30, 31, or 32].

37. (Amended) A transgenic plant comprising an expression vector comprising the recombinant nucleic acid of claim 29, [30, 31, or 32] operably linked to a transcriptional regulatory sequence active in said cell.

38. (Amended) A transgenic plant comprising a host cell comprising an expression vector comprising the recombinant nucleic acid of claim 29, [30, 31, or 32] operably linked to a transcriptional regulatory sequence active in said cell.

40. (Amended) A transgenic seed comprising the recombinant nucleic acid of claim 29, [30, 31, or 32] operably linked to transcriptional regulatory sequences active in said seed.

46. (Amended) The method of claim 41, [42, 43, 44, or 45] further comprising recovering said protein.

Please CANCEL claims 50 to 64.

69. (Amended) A transgenic plant comprising the isolated nucleic acid of claim 65 [, 66, 67, 68, or 69].

70. (Amended) A transgenic seed comprising the recombinant nucleic acid of claim 65, [66, 67, 68, or 69] operably linked to transcriptional regulatory sequences active in said seed.

Please cancel claims 71 and 72.

Please ADD the following NEW claims.

--73. (New) An expression vector comprising the recombinant nucleic of claim 30 operably linked to a transcriptional regulatory sequence.

74. (New) An expression vector comprising the recombinant nucleic of claim 31 operably linked to a transcriptional regulatory sequence.

75. (New) An expression vector comprising the recombinant nucleic of claim 32 operably linked to a transcriptional regulatory sequence.

76. (New) A host cell comprising an expression vector comprising the recombinant nucleic acid of claim 30 operably linked to a transcriptional regulatory sequence active in said host cell.

77. (New) A host cell comprising an expression vector comprising the recombinant nucleic acid of claim 31 operably linked to a transcriptional regulatory sequence active in said host cell.

78. (New) A host cell comprising an expression vector comprising the recombinant nucleic acid of claim 32 operably linked to a transcriptional regulatory sequence active in said host cell.

79. (New) A transgenic plant comprising the recombinant nucleic acid of claim 30.

80. (New) A transgenic plant comprising the recombinant nucleic acid of claim 31.

81. (New) A transgenic plant comprising the recombinant nucleic acid of claim 32.

82. (New) A transgenic plant comprising a host cell comprising an expression vector comprising the recombinant nucleic acid of claim 30 operably linked to a transcriptional regulatory sequence active in said cell.
83. (New) A transgenic plant comprising a host cell comprising an expression vector comprising the recombinant nucleic acid of claim 31 operably linked to a transcriptional regulatory sequence active in said cell.
84. (New) A transgenic plant comprising a host cell comprising an expression vector comprising the recombinant nucleic acid of claim 32 operably linked to a transcriptional regulatory sequence active in said cell.
85. (New) A transgenic plant comprising a host cell comprising an expression vector comprising the recombinant nucleic acid of claim 30 operably linked to a transcriptional regulatory sequence active in said cell.
86. (New) A transgenic plant comprising a host cell comprising an expression vector comprising the recombinant nucleic acid of claim 31 operably linked to a transcriptional regulatory sequence active in said cell.
87. (New) A transgenic plant comprising a host cell comprising an expression vector comprising the recombinant nucleic acid of claim 32 operably linked to a transcriptional regulatory sequence active in said cell.
88. (New) A transgenic seed comprising the recombinant nucleic acid of claim 30 operably linked to transcriptional regulatory sequences active in said seed.

89. (New) A transgenic seed comprising the recombinant nucleic acid of claim 31 operably linked to transcriptional regulatory sequences activer in said seed.
90. (New) A transgenic seed comprising the recombinant nucleic acid of claim 32 operably linked to transcriptional regulatory sequences activer in said seed.
91. (New) The method of claim 42 further comprising recovering said protein.
92. (New) The method of claim 43 further comprising recovering said protein.
93. (New) The method of claim 44 further comprising recovering said protein.
94. (New) The method of claim 45 further comprising recovering said protein.--